

1987

## Curricular Report No. 1986-87-7 from the Graduate council to the Faculty Senate

University of Rhode Island Faculty Senate

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THE UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode IslandFACULTY SENATE  
BILLAdopted by the Faculty Senate

TO: President Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 1986-87-7 from the  
the Graduate Council to the Faculty Senate

is forwarded for your consideration.

2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on April 16, 1987.  
(date)
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective May 7, 1987,  
three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

April 17, 1987  
(date)

Richard Katula  
Richard Katula  
Chairperson of the Faculty Senate

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ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved ☒.
- b. Approved subject to final approval by Board of Governors \_\_\_\_\_.
- c. Disapproved \_\_\_\_\_.

4/30/87  
(date)

Edward D. Eddy  
President

UNIVERSITY OF RHODE ISLAND  
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE -  
Rpt No. 1986-87-7

At its Meeting No. 257 held March 20, 1987 the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate.

A. College of Arts and Sciences

1. Department of Economics and the Labor Studies and Labor Relations Program  
a. Add (New)

✓ LRS/ECN 534 Information Sources and Uses in Labor Relations and Labor Economics I,II,SS,3  
Analysis and use of data and information sources specific to the professional fields of labor and industrial relations and labor economics. A major project utilizing personal computer software is required. (Lec 3) Not available for graduate credit for MBA or MS accounting students. Pre: LRS/ECN 526 plus MGS 500 and MGS 530 or instructor permission.

b. Change to read as follows-

✓ LRS/ECN 526 Economics of Labor Markets I,II,SS,3  
The theory of labor-market behavior, and application of theory for public-policy analysis in areas such as discrimination, unemployment and education. Pre: ECN 125 and 126 or ECN 590 or equivalent.

c. Deletion

✓ LRS/ECN 529 Human Resource Economics (contingent upon approval of LRS/ECN 526 as revised and renumbered)

2. Library and Information Studies  
a. Change

LSC 501 Foundations of Library and Information Science - credits changed from 4 to 3

3. Department of Languages  
a. Change

Ger 987,988 German Play Production - prerequisite and method of grading to read- SS,1

GER 987,988 German Play Production  
Study and production of a German play or plays. Pre: Concurrent registration in another German course. S/U credit. Staff

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE -  
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B. Graduate School of Oceanography  
1. Add (New)

OCG 565 The Science of Narragansett Bay 1,2  
Group discussion of published literature on Narragansett Bay: analysis and critique. The interrelation of oceanographic disciplines as a basis for planning; guest lecturers in related areas. Pre: Major concentration in a scientific discipline and permission of instructor. Jeffries

C. College of Human Science and Services  
1. Department of Physical Education  
a. Add (New)

PED 582 Sport Psychology I or II,3  
Counseling and psychotherapeutic techniques to improve athletic performance. Considers needs of the athlete arising from competitive stress, staleness, failure, team structure and interactions. (Lec 3) Pre: Graduate standing, PSY 113 and 232 or permission of instructor. Sonstroem

b. Change

PED 581 Psychological Aspects of Physical Activity - semester, prerequisite, title, description changed to-

PED 581 Psychological Aspects of Healthy Lifestyle I or II,3  
Psychosocial variables involved in health maintenance and recovery from disease with emphasis on compliance in exercise. A review of models and research identifies client needs and counseling methods. (Lec 3) Pre: Graduate standing, PSY 113 and 232 or permission of instructor. Sonstroem

D. College of Resource Development  
1. Department of Natural Resource Science  
a. Add (New)

NRS 510 Soil-Water Relations II,3  
Processes governing water flow and availability in unsaturated and saturated soil. Emphasis on soil-water-plant relationships with applications to watershed management and hydrology. (Lec 2, Lab 3) Pre: NRS 212, 461, or permission of instructor. Gold

b. Also required are MTH141, 142, 215, 243, one SPE course and one WRT course or CMS101 (communication skills).

c. In addition, 12 credits at the 200-level or above in one area other than CSC, MTH or EST are required. This would be an applications area such as physics, psychology, english, sociology, zoology, etc. The courses will be selected by the student and the student's advisor from a list prepared by the Department of Computer Science and Experimental Statistics in consultation with the applications area department.

d. A total of 130 credits is required for graduation.

### 3. Sample Program

#### B.S. IN STATISTICAL SCIENCE

Fall

Spring

#### First Year

MTH141, Intro. Calculus with Analytic Geometry	(3)	EST220, Statistics in Modern Society	(3)
WRT Elective	(3)	MTH142, Intermed. Calculus with Analytic Geometry	(3)
General Ed. or Electives	(9)	SPE Elective	(3)
Total credits	(15)	General Ed. or Electives	(6)
		Total credits	(15)

#### Second Year

CSC201, Intro. to Computing I	(3)	CSC202, Intro. to Computing II	(3)
MTH243, Calculus for Functions of Several Variables	(3)	EST409, Statistical Methods in Research I	(3)
Applications Elective	(3)	MTH215, Intro. to Linear Algebra	(3)
General Ed. or Electives	(6)	Applications Elective	(3)
Total credits	(15)	General Ed. or Electives	(3)
		Total credits	(15)

#### Third Year

MTH451, Intro. to Probability and Statistics	(3)	MTH452, Math. Statistics	(3)
EST412, Statistical Methods in Research II	(3)	EST413, Data Analysis	(3)
Applications Elective	(3)	CSC350, Intro. to Numerical Computation	(3)
MTH361, Mathematical Methods for Scientist & Engin.	(3)	Applications Elective	(3)
General Ed. or Electives	(6)	General Ed. or Electives	(5)
Total credits	(18)	Total credits	(17)

#### Fourth Year

EST415, Intro. to Experimental Design	(3)	EST416, Survey of Advanced Statistical Methods	(3)
CSC406, Microcomputer Applications Laboratory	(3)	IME433, Operations Research II	(3)
IME432, Operations Research I	(3)	EST492, Special Topics in Experimental Statistics	(3)
EST491, Directed Study in Experimental Statistics	(3)	General Ed. or Electives	(8)
General Ed. or Electives	(6)	Total credits	(17)
Total credits	(18)		

A total of 130 credits is required for graduation.

### 4. New courses:

EST415, Introduction to Experimental Design (I,3). Experimental units and replication. Nesting. Reduction of variance: blocking, concomitant variables. Commonly used designs: completely randomized, randomized blocks, split plots. Factorial arrangement of treatments, confounding. Incomplete block designs. (Lec. 3). Pre: 412. Not for graduate credit. Carney.

EST416, Survey of Advanced Statistical Methods (II,3). Selected topics from multivariate, nonparametric and sampling methodology. Multivariate normal, Hotelling's  $T^2$ , discriminant function; rank tests; simple random sampling, stratified sampling, cluster sampling and systematic sampling. (Lec. 3). Pre: 412. MTH451. Not for graduate credit. Handumara.

### F. RESOURCES

No additional resources are required for this program.

### G. EVALUATION

The program will be continuously evaluated by statistics and computer science faculty participating in the program as to effectiveness in attracting students, quality of the students, and their success in professional careers or further graduate study. Quality of incoming students will be monitored by requiring advisement by statistics faculty prior to entering the program.

E. Labor Research Program

1. Change in name of master's degree program from "M.S. in Labor Studies and Labor Relations" to "M.S. in Labor and Industrial Relations."

2. Change in program requirements.

The 36-credit requirement and the central focus of the 27/28 credits in core courses remain the same. The minimum of 9 credits beyond the 27/28 core credits will now become elective (previously prescribed) and must be focussed toward one of the seven areas of concentration. Some changes are made in required courses. The Core courses are also combined into one 27/28 credit core area with one comprehensive examination to be administered at the completion of the program under Graduate School regulations.

Required core courses: LRS/HIS 544; LRS/PSC 521; LRS/SOC 432 or MGT 630; LRS/ECON 526 and 534; LRS 531, 541, 542 and 580.

3. Definition of seven 9-credit areas of specialization as follows (available courses are indicated in parentheses; substitutions may be made with permission of the Labor Research Center Director and approval of the Graduate School):

- (1). Labor Relations (3 courses from LRS 520, 533X, 545, 581, 590/591; MGT 640; and LRS 543 or 579.)
- (2). Human Resource Administration (3 courses from MGT 640; PSC 503 or MGT 641; LRS 533X, 545, 581, 590/591 and LRS 543 or 579; PSY 434; and EDC 529 or 583; and CPL 535 or CPL 543.
- (3). Labor and Worker Studies (3 courses from LRS 520, 545, 581, 590/591; ENG 445; HIS 591; PSC 486; and PSY 480.
- (4). Worker/Labor (or) Management Education and Training (3 courses from LRS/EDC 579; LRS 581; LRS 590/591; EDC 505, 539, 581, 582, 583, 584.
- (5). International Development (3 courses including REN 595 and two related electives as described under International Studies in the Graduate School Catalog (page 59 in the 1986-87 edition), to which the M.S. in Labor and Industrial Relations would be added.)

(6). Alternative Dispute and Conflict Resolution Processes (3 courses including LRS 545, 546X, 581, 590/591 and PSC 420 or 432).

(7). Non-Designated Option (3 courses in an area which satisfies the student's individual professional goals, e.g., computer science or statistics; economics or social policy; law and legal processes; or workplace issues such as alcohol and drug abuse; sexual or age discrimination, or racism.)

4. Add (New)

✓ LRS/ECN 534 Information sources and Uses in Labor Relations and Labor Economics I or II, 3  
Analysis and use of data and information sources specific to the professional fields of Labor and Industrial Relations and Labor Economics. A major project utilizing personal computer software is required. (Lec 3) Not available for graduate credit for MBA or MS accounting students. Pre: LRS/ECN 526 plus MGS 500 and MGS 530 or permission of instructor. Lardaro

5. Deletion

LRS 529 or ECN 529 Human Resource Economics - contingent upon approval of  
LRS 530 or ECN 530 as revised and renumbered to 526

6. Course Changes

- ✓ LRS/ECN 530 Human Resource Economics II change to-  
✓ LRS/ECN 526 Economics of Labor Markets I, II, SS, 3  
The theory of labor-market behavior, and application of theory for public-policy analysis in areas such as discrimination, unemployment and education. (Lec 3) Pre: ECN 125 and 126 or ECN 590 or equivalent. Rayack/Lardaro
- ✓ LRS/HIS 544 - Colloquium in Labor History - title changed to-  
Colloquium in Worker History - and the words "labor history" in description changed to "worker History"
- ✓ LRS/PSC 521 International and Comparative Trade Unions and Labor Relations - prerequisite changed to "Pre: 544 or permission"
- ✓ LRS 531 Protective Labor Legislation - title changed to  
Employment Law

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- LRS 541 Labor Relations Law - prerequisite changed "Pre: LRS/HIS 544 or permission of instructor"
- LRS 542 Labor Relations and Collective Bargaining: Private Sector - title and description changed by eliminating "Private Sector" in both title and description
- LRS 580 Professional Seminar: Labor Relations - title changed to - Professional Seminar: Labor and Industrial Relations
- LRS 590,591 Directed Readings and Research in Labor Studies and Labor Relations - title changed to - Directed Readings and Research in Labor and Industrial Relations
- LRS 581 Internship: Labor Studies and Labor Relations - title changed to - Internship: Labor and Industrial Relations

Faculty Senate

Library Committee Report  
1986-87

Introduction

Last year, our committee sought to inform members of the University community about the substance of the Library Expansion Plan, the proposal to construct a major addition to and to renovate the existing space in the University Library. This year, we have sought to build support for this proposal, trying to give it a life of its own. In addition, we have explored the personnel vacancy problem in the University Library, finding it sufficiently acute to present an informational report to the Faculty Senate on February 19th.

Recommendations for Action

In concluding our work for the year, we present the following resolutions for action:

(1) Library Expansion Plan

(A) Resolve that the Library Expansion Plan be forwarded to the Board of Governors as the University's first priority for construction and with the recommendation that it be submitted as a bond issue in November, 1988;

(B) Resolve that the University undertake a capital fund drive(s) with the Library being designated as a/the major beneficiary of this campaign.

(2) Personnel Vacancy Problem

Resolve that University administrative officials undertake a determined, public campaign to remove the impediments to the effective operation of the personnel appointment system, both at the state level and within the University.

The Library Expansion Plan  
Rationale

Resolution (A)

The University Library has been constructed in stages, each stage involving significant compromises in the original design and scale.